

CONDITIONS OF APPROVAL, IF ANY:

All distances must be from the outer boundaries of the Section.

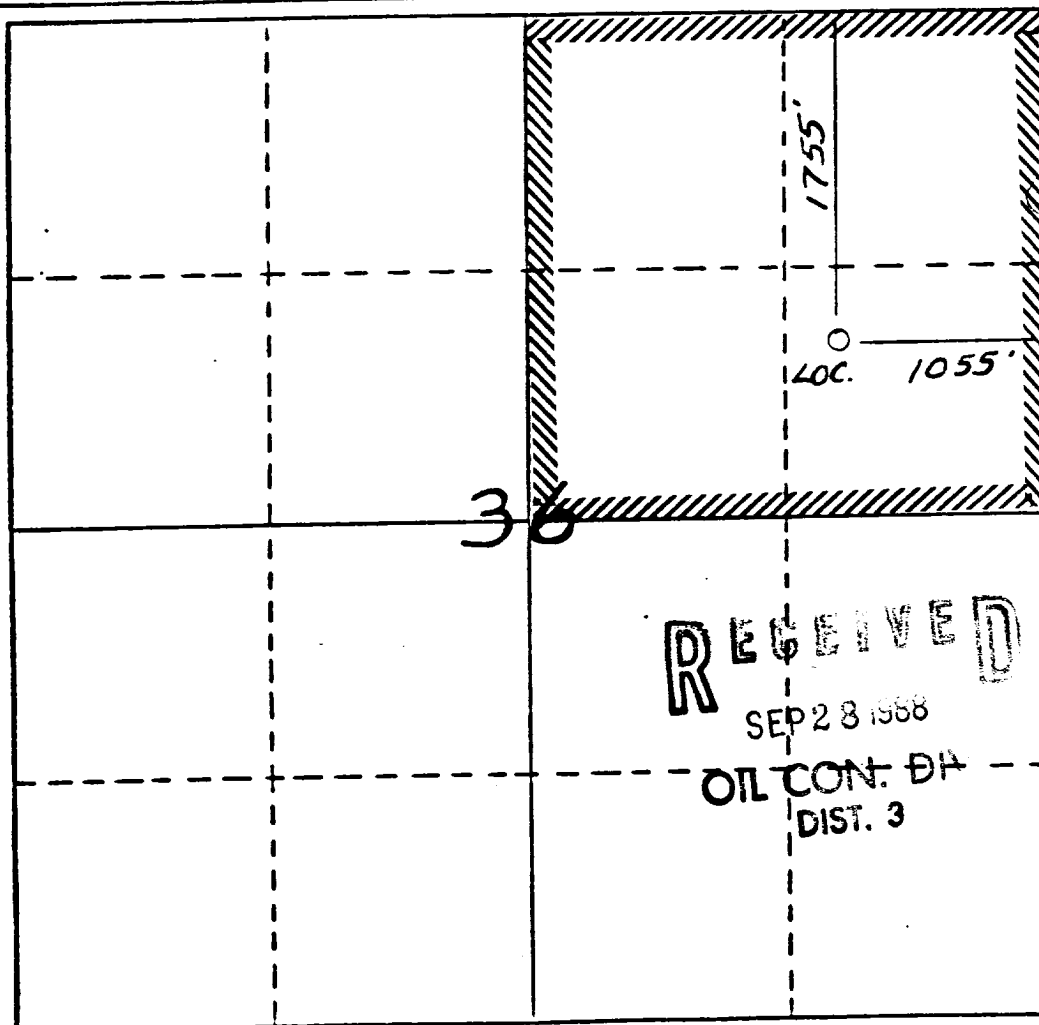
Operator Meridian Oil Inc.		Lease San Juan 20-7 Unit (E-5111-4)		Well No. 515
Unit Letter H	Section 36	Township 29 North	Range 7 West	County Rio Arriba
Actual Footage Location of Well 1755 feet from the North line and 1055 feet from the East line				
Ground Level Elev. 6531'	Producing Formation Fruitland Coal	Pool Undesignated	Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

[Signature]

Name
Regulatory Affairs

Position
Meridian Oil Inc.

Company

Date

I hereby certify that the location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

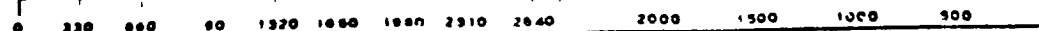
[Signature]

Date Surveyed
7-27-77

Registered Professional Engineer and/or Land Surveyor

Neale C. Edwards

Certificate No.
6857



DEVIATION REPORT

Name of Company Meridian Oil Inc.			Address P.O. Box 4289, Farmington, NM 87499			
Lease San Juan 29-7 Unit	Well No. 515	Unit Letter H	Section 36	Township 29	Range 07	
Pool Basin Fruitland Coal			County Rio Arriba			

Depth (Ft.)

Deviation (Degrees)

223'	3/4
838'	1/2
1374'	1
1474'	1
2416'	1 3/4
2896'	1 3/4
3377'	2 1/4

RECEIVED
JAN 18 1989
ON. DEPT.
DIST. 3

I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer of Meridian Oil Inc., am authorized by said Company to make this report; and that this report was prepared by me or under my supervision and directions and that the facts stated herein are true to the best of my knowledge and belief.

Y. D. Morris

Subscribed and sworn to before me this 5th day of January, 1989

Walter A. Binkley

Notary Public in and for San Juan County, New Mexico

My Commission expires August 17, 1992

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO. <u>30-129-24315</u>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-5111-4

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> RECOMPLETION		7. Lease Name or Unit Agreement Name San Juan 29-7 Unit	
1b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DRIFTED <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESER. <input type="checkbox"/> OTHER <input type="checkbox"/> RECOMPLETION		8. Well No. 515	
2. Name of Operator Merdian Oil Inc.		9. Pool name or Wildcat Basin Fruitland Coal	
3. Address of Operator P.O. Box 4289, Farmington, NM 87499			
4. Well Location Unit Letter <u>H</u> : <u>1755</u> Feet From The <u>North</u> Line and <u>1055</u> Feet From The <u>East</u> Line Section <u>36</u> Township <u>29 North</u> Range <u>7 West</u> <u>NMPM</u> <u>Rio Arriba</u> County			
10. Date Spudded 12-2-88	11. Date T.D. Reached 12-7-88	12. Date Compl. (Ready to Prod.) 12-20-88	13. Elevations (DF & RKB, RT, GR, etc.) 6531' GL
14. Elev. Casinghead 6531'			
15. Total Depth 3393'	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools <input checked="" type="checkbox"/> Cable Tools <input type="checkbox"/>
19. Producing Interval(s), of this completion - Top, Bottom, Name 3190'-3345' (Fruitland Coal)			20. Was Directional Survey Made No
21. Type Electric and Other Logs Run DISGL, DSNIL, SDDSNIL, CSNGRL, HRSDL			22. Was Well Cored No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.3#	221'	12 1/2"	177 cf	
7"	20#	3335'-1163'	8 3/4"	1163 cf	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
No Liner					2 3/8"	3334'	

26. Perforation record (interval, size, and number) 3190'-99'; 3242'-72'; 3284'-91'; 3335'-45'; 2/SPF. (Predrilled Liner).	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3190'-3345'	103,770# sand; 69,380 gals. wtr.

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing-capable of comm. HC; to be sold when connected				Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press. SI-426	Casing Pressure SI-1016	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) To be sold						Test Witnessed By	
30. List Attachments None							

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Peggy Bradfield Printed Name Peggy Bradfield Title Regulatory Affairs Date 1-30-89

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southwestern New Mexico

Northwestern New Mexico

T. Anhy	T. Canyon	T. Ojo Alamo	2459'	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	2608'	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	3110'	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	3352'	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee		T. Madison
T. Queen	T. Silurian	T. Point Lookout		T. Elbert
T. Grayburg	T. Montoya	T. Mancos		T. McCracken
T. San Andres	T. Simpson	T. Gallup		T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn		T. Granite
T. Paddock	T. Ellenburger	T. Dakota		T. _____
T. Blinebry	T. Gr. Wash	T. Morrison		T. _____
T. Tubb	T. Delaware Sand	T. Todilto		T. _____
T. Drinkard	T. Bone Springs	T. Entrada		T. _____
T. Abo	T. _____	T. Wingate		T. _____
T. Wolfcamp	T. _____	T. Chinle		T. _____
T. Penn	T. _____	T. Permian		T. _____
T. Cisco (Bough C)	T. _____	T. Penn "A"		T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology
2459'	2608'	149	Ojo Alamo
2608'	3110'	502	Kirtland
3110'	3352'	242	Fruitland
3352'	3393'	41	Pic. Cliffs